

Title (en)
Liquid storing container for recording apparatus

Title (de)
Flüssigkeitsbehälter für Aufzeichnungsgerät

Title (fr)
Réservoir de liquide pour dispositif enregistreur

Publication
EP 0585615 B1 19971229 (EN)

Application
EP 93112227 A 19930730

Priority

- JP 693193 A 19930119
- JP 693393 A 19930119
- JP 2942993 A 19930218
- JP 20510692 A 19920731
- JP 23079792 A 19920831
- JP 23178892 A 19920831
- JP 28186792 A 19921020
- JP 29430992 A 19921102

Abstract (en)
[origin: GB2269784A] As described, liquid storing container (303) employable for an ink jet recording apparatus includes a housing (303, 100), a porous ink absorbing member (310, 103) received in the housing (303, 100), and a first filter (308, F) coming in contact with the ink absorbing member (310, 103). The liquid storing container (303) is detachably connected to an ink jet recording head (301, 104, 200) having a second filter (302) disposed in a liquid flow path thereof. The liquid storing container (303) is constructed such that the volume of the connection arrangements is less than the volume of ink transported in a priming or recovery operation. <IMAGE>

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IPC 8 full level
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Cited by
US5997125A; US6074036A; US6193362B1; EP1016532A3; EP1090767A3; US5633666A; EP1219445A1; EP0756936A3; US5886720A; AU713867B2; DE19614364B4; DE19614364B8; US5874971A; EP0647527A1; US5604523A; US6267464B1; US6554412B1; US8322835B2; US7401909B2; US7407274B2; US7407275B2; US7914137B2; US8425022B2; EP1092546B1

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GB 9315879 A 19930730; AT 93112227 T 19930730; AT 97101486 T 19930730; AT 97101487 T 19930730; AU 4431793 A 19930729; AU 4824496 A 19960321; AU 4824596 A 19960321; CA 2101478 A 19930728; CA 2272155 A 19930728; CA 2272160 A 19930728; CA 2272165 A 19930728; CN 01142736 A 20011205; CN 01142737 A 20011205; CN 93117390 A 19930730; DE 69315917 T 19930730; DE 69328737 T 19930730; DE 69331999 T 19930730; DE 9321127 U 19930730; EP 93112227 A 19930730; EP 97101486 A 19930730; EP 97101487 A 19930730; ES 93112227 T 19930730; ES 97101486 T 19930730; GB 9606347 A 19930730; GB 9606491 A 19930730; GB 9616110 A 19930730; JP 27870698 A 19980930; KR 19970035497 A 19970728; KR 19970035498 A 19970728; KR 19970035499 A 19970728; KR 930014647 A 19930730; SG 1996008782 A 19930730; SG 1997002300 A 19930730; SG 1997002602 A 19930730; US 44454595 A 19950519; US 75727396 A 19961202; US 9887293 A 19930729